

s/n 10/071,106

date:1-5-03

hits	search text	databases	date/time
2	((("6005649") or ("5663596"))).PN.	USPAT; US-PGPUB; IBM_TDB	1/5/03 21:42
343	mem near2 mirror	USPAT; US-PGPUB; IBM_TDB	1/5/03 17:59
15	mem near2 (mov\$4 adj mirror)	USPAT; US-PGPUB; IBM_TDB	1/5/03 18:01
	mem near2 ((mov\$4 or tilt\$4 or rotat\$4) adj mirror)		
9	same (fabricat\$4 or manufactur\$4)	USPAT; US-PGPUB; IBM_TDB	1/5/03 18:48
2	("6091050" "6201284").PN.	USPAT	1/5/03 18:05
3	6091050.URPN.	USPAT	1/5/03 18:06
	("4556050" "4736629" "5058856" "5140155" "5295206" "5475318" "5536963" "5626779" "5635750" "5659195" "5796152" "5810325").PN.	USPAT	1/5/03 18:06
12	("5058856" "5536963" "5635750" "5659195").PN.	USPAT	1/5/03 18:09
4	("6275326").PN.	USPAT; US-PGPUB; IBM_TDB	1/5/03 18:59
1	("4560925" "4738500" "5283682" "5392151" "5408253" "6108118").PN.	USPAT	1/5/03 18:48
6	("4560925" "5243241" "5280377").PN.	USPAT	1/5/03 18:49
3	6275326.URPN.	USPAT	1/5/03 18:49
0	6275326.URPN.	USPAT	1/5/03 18:49
3	("4560925" "5243241" "5280377").PN.	USPAT	1/5/03 18:54
1	6108118.URPN.	USPAT	1/5/03 18:54
655	(bridge or spring) same photolithograph\$3	USPAT; US-PGPUB; IBM_TDB	1/5/03 19:01
96	15 and mirror	USPAT; US-PGPUB; IBM_TDB	1/5/03 19:01
42	16 and etch	USPAT; US-PGPUB; IBM_TDB	1/5/03 21:42
	("Re31459" "4144516" "4441366" "4597003" "4873868" "4926689" "4955233").PN.	USPAT	1/5/03 19:03
7	((("6005649") or ("6108118") or ("5663596") or ("6275326"))).PN.	USPAT; US-PGPUB; IBM_TDB	1/5/03 21:42
4	((("6400550") or ("6367252"))).PN.	USPAT; US-PGPUB; IBM_TDB	12/18/02 17:01
2	((("6400550") or ("6367252"))).PN.	USPAT; US-PGPUB; IBM_TDB	12/19/02 12:49
16428	(micro adj electri\$4 adj mechanic) or MEM	USPAT; US-PGPUB; IBM_TDB	12/19/02 12:47
16428	(micro\$2electri\$4mechanic) or MEM	USPAT; US-PGPUB; IBM_TDB	12/19/02 12:47
263153	mirror	USPAT; US-PGPUB; IBM_TDB	12/19/02 12:47
32839	tile\$2	USPAT; US-PGPUB; IBM_TDB	12/19/02 12:47
	(micro adj electri\$4 adj mechanic) or MEM or		
16428	(micro\$2electri\$4mechanic)	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:17
7795	optic\$3 adj switch	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:01
5741	solder adj bump	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:02
	mirror and tile\$2 and ((micro adj electri\$4 adj mechanic) or MEM or (micro\$2electri\$4mechanic))		
5	and (optic\$3 adj switch) and (solder adj bump)	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:07
1073	(micro adj mirror) or micro-mirror	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:08
	((micro adj electri\$4 adj mechanic) or MEM or (micro\$2electri\$4mechanic)) and (solder adj bump)		
5	and ((micro adj mirror) or micro-mirror) and tile\$2	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:09
	((micro adj electri\$4 adj mechanic) or MEM or (micro\$2electri\$4mechanic)) and (solder adj bump)		
11	and ((micro adj mirror) or micro-mirror)	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:14

62792 modular ((micro adj electri\$4 adj mechanic) or MEM) and ((micro adj electri\$4 adj mechanic) or MEM or	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:14
16428 (micro\$2electri\$4mechanic)) modular and ((micro adj electri\$4 adj mechanic) or	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:14
760 MEM or (micro\$2electri\$4mechanic)) (modular and ((micro adj electri\$4 adj mechanic) or	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:15
MEM or (micro\$2electri\$4mechanic))) and (optic\$3		
51 adj switch)	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:15
((modular and ((micro adj electri\$4 adj mechanic) or		
MEM or (micro\$2electri\$4mechanic))) and (optic\$3		
12 adj switch)) and ((micro adj mirror) or micro-mirror)	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:19
((micro adj electri\$4 adj mechanic) or MEM or		
47 (micro\$2electri\$4mechanic)) adj mirror adj array	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:40
("5761352" "6005694" "6023359" "6052222"		
"6222653" "6243178" "6253000" "6292281"		
10 "6317529" "6320995").PN.	USPAT	12/19/02 13:28
("5761352" "6005694" "6023359" "6052222"		
"6222653" "6243178" "6253000" "6292281"		
10 "6317529" "6320995").PN.	USPAT	12/19/02 13:31
20 MEM near3 architecture	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:45
704 packag\$3 adj array\$2	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:47
(MEM near3 architecture) and (packag\$3 adj		
1 array\$2)	USPAT; US-PGPUB; IBM_TDB	12/19/02 13:47
(packag\$3 adj array\$2) and ((micro adj electri\$4 adj		
27 mechanic) or MEM or (micro\$2electri\$4mechanic))	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:05
0 6251488.URPN.	USPAT	12/19/02 13:52
("4269868" "4323756" "4947463" "5043548"		
"5182430" "5208431" "5378508" "5449536"		
12 "5486676" "5607730" "5612099" "5733609").PN.	USPAT	12/19/02 13:52
702 optical adj cross adj connect\$4	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:06
0 tile\$3 adj mirror adj module	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:11
116 mirror adj module	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:11
0 array\$3 adj mirror adj module	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:12
(mirror adj module) and ((micro adj electri\$4 adj		
3 mechanic) or MEM or (micro\$2electri\$4mechanic))	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:14
485 361/728.ccls.	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:14
1 (mirror adj module) and 361/728.ccls.	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:14
4 361/728.ccls. and mems	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:14
4 361/728.ccls. and mem	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:15
(359/ 291, 310, 299, 230, 196, 198, 528, 847, 849,		
2466 850, 851).CCLS.	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:16
(optical adj cross adj connect\$4) and ((359/ 291,		
310, 299, 230, 196, 198, 528, 847, 849, 850,		
19 "851").CCLS.)	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:17

((optical adj cross adj connect\$4) and ((359/ 291, 310, 299, 230, 196, 198, 528, 847, 849, 850, "851").CCLS.)) and ((micro adj electri\$4 adj	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:17
13 mechanic) or MEM or (micro\$2electri\$4mechanic))		
(micro adj electr\$4 adj mechanic) or MEM or		
16431 (micro\$2electr\$4mechanic)	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:45
("4560925" "4738500" "5283682" "5392151"		
6 "5408253" "6108118").PN.	USPAT	12/19/02 14:20
7 (modul\$3 adj array) same MEM	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:24
1290 modul\$3 adj array	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:36
111 (modul\$3 adj array) same substrate	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:25
289 (modul\$3 adj array) and yield	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:25
42 ((modul\$3 adj array) same substrate) and yield	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:30
((modul\$3 adj array) same substrate) and yield)		
0 and MEM	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:30
8 ((modul\$3 adj array) and yield) and MEM	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:31
353 tile\$3 adj array	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:37
17 (tile\$3 adj array) and MEM	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:38
(micro adj electr\$4 adj mechanic) or MEM or		
16431 (micro\$2electr\$4mechanic) adj module	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:48
((micro adj electr\$4 adj mechanic) or MEM or		
14 (micro\$2electr\$4mechanic)) adj module	USPAT; US-PGPUB; IBM_TDB	12/19/02 14:59
("0557132" "3244947" "3259814" "3274458"		
"3316465" "3489965" "3916080" "3959577"		
"3993123" "4168480" "4257905" "4449580"		
"4511873" "4563697" "4565901" "4897508"		
20 "5046161" "5325265" "5475280" "5627396").PN.	USPAT	12/19/02 15:21
("0557132" "3244947" "3259814" "3274458"		
"3316465" "3489965" "3916080" "3959577"		
"3993123" "4168480" "4257905" "4449580"		
"4511873" "4563697" "4565901" "4897508"		
20 "5046161" "5325265" "5475280" "5627396").PN.	USPAT	12/19/02 15:27
18 5627396.URPN.	USPAT	12/19/02 15:29
1 ((mem adj switch) adj array) same modul\$3	USPAT; US-PGPUB; IBM_TDB	12/19/02 15:35
("4170731" "4630883" "4844577" "5119448"		
"5129794" "5148506" "5226099" "5692089"		
"5742712" "5867617" "5925898" "5995688"		
14 "6038928" "6195478").PN.	USPAT	12/19/02 15:34
276 (modul\$3 adj array) and matrix	USPAT; US-PGPUB; IBM_TDB	12/19/02 15:36
91 ((modul\$3 adj array) and matrix) and yield	USPAT; US-PGPUB; IBM_TDB	12/19/02 15:39
3 ("4988157" "5699462" "5960131").PN.	USPAT	12/19/02 15:39
22636 385/\$.ccls.	USPAT; US-PGPUB; IBM_TDB	12/19/02 15:52
33 4652974.URPN.	USPAT	12/19/02 15:45
71 tile\$2 adj matrix	USPAT; US-PGPUB; IBM_TDB	12/19/02 15:54
0 (tile\$2 adj matrix) and MEM	USPAT; US-PGPUB; IBM_TDB	12/19/02 15:57
36 (solder adj bump) and (MEM same modul\$3)	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:31
0 (micro-mirror adj fabrication).ti.	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:32
((micro-mirror or MEM) adj (manufact\$4 or		
0 fabricat\$4)).ti.	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:32

((micro-mirror or MEM) adj (manufact\$4 or 278 fabricat\$4))	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:33
2 silicon adj on adj insulat\$4	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:34
24959 silicon near2 insulat\$4	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:35
((((micro-mirror or MEM) adj (manufact\$4 or 54 fabricat\$4))) and (silicon near2 insulat\$4)	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:38
4363 silicon-on-insulator	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:39
((((micro-mirror or MEM) adj (manufact\$4 or 23 fabricat\$4))) and silicon-on-insulator	USPAT; US-PGPUB; IBM_TDB	12/19/02 16:39
2 (("6275326" or ("5663596")).PN.	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:16
7 5663596.URPN.	USPAT	12/20/02 11:07
("5369057" "5585675" "5663596" "5721162" 7 "5831162" "5907187" "6087203").PN.	USPAT	12/20/02 11:10
("5369057" "5585675" "5663596" "5721162" 7 "5831162" "5907187" "6087203").PN.	USPAT	12/20/02 11:14
("4560925" "4738500" "5283682" "5392151" 6 "5408253" "6108118").PN.	USPAT	12/20/02 11:15
60 micromirror adj fabricat\$3	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:18
248 micromirror adj array	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:40
1 (micromirror adj array) near2 module	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:17
32 micro\$2mirror adj fabricat\$3	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:18
6 (micromirror adj array) same module	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:22
("4433236" "4695718" "4755725" "4853529" "4872057" "4882481" "5049995" "5146077" "5153424" "5248874" "5336881" "5408087" 13 "5729010").PN.	USPAT	12/20/02 11:21
3995 multi adj chip adj module	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:23
113 (multi adj chip adj module) and tile\$2	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:23
0 ((multi adj chip adj module) and tile\$2) and MEM	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:23
44 ((multi adj chip adj module) and tile\$2) and mirror	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:33
("4783695" "4835704" "4836435" "4878991" "4897153" "4930216" "4933042" "4984358" "5094709" "5118027" "5161093" "5200810" "5239191" "5324687" "5352629" "5353195" "5353498" "5366906" "5455459" "5492586" 23 "5497033" "5546654" "5703400").PN.	USPAT	12/20/02 11:30
2281 HDI	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:33
0 HDI and (micromirror adj array)	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:33
(multi adj chip adj module) and (micromirror adj 3 array)	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:36
7 (micromirror adj array) and tile\$2	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:37
("3924937" "4073572" "4283116" "4653860" "4676702" "5105369" "5227839" "5396891" 12 "5448395" "5452024" "5473410" "5477304").PN.	USPAT	12/20/02 11:38
127 micro adj mirror adj array	USPAT; US-PGPUB; IBM_TDB	12/20/02 11:40
(micromirror adj array) near2 (manufactur\$3 or 25 fabricat\$4)	USPAT; US-PGPUB; IBM_TDB	12/20/02 14:15
("4655547" "4866699" "5166818" "5255332" "5305402" "5581643" "5671304" "5841917" 11 "5878177" "5960132" "5960133").PN.	USPAT	12/20/02 14:04
430 sandstrom.in.	USPAT; US-PGPUB; IBM_TDB	12/20/02 14:53

35	sandstrom.in. and pixel ((spatial adj light adj modulator) adj (module or 6 array)) near3 (fabricat\$3 or manufactur\$3) ("3886310" "5212582" "5650881" "5661591" 7 "5719695" "5953153" "6271955").PN.	USPAT; US-PGPUB; IBM_TDB	12/20/02 15:59
38	5497033.URPN. 0 (MEM adj module).ti. 0 (micromirror adj module).ti. 0 (micro-mirror adj module).ti. 16 (micro near2 module).ti.	USPAT USPAT USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB	12/20/02 15:03 12/20/02 15:12 12/20/02 15:18 12/20/02 15:18 12/20/02 15:19
3995	multi adj chip adj module	USPAT; US-PGPUB; IBM_TDB	12/20/02 15:22
2458	micromirror or (micro adj mirror) (multi adj chip adj module) and (micromirror or 46 (micro adj mirror)) ((multi adj chip adj module) and (micromirror or 13 (micro adj mirror))) and yield (spatial adj light adj modulator) near3 (fabricat\$3 or 119 manufactur\$3) ((spatial adj light adj modulator) near3 (fabricat\$3 or 6 manufactur\$3)) same modul\$3 ((spatial adj light adj modulator) near3 (fabricat\$3 or 0 manufactur\$3)) same defect\$3 0 (tile\$2 adj matrix) near3 mirror	USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB	12/20/02 15:23 12/20/02 15:26 12/20/02 15:27 12/20/02 15:27 12/20/02 16:10 12/20/02 16:13 12/20/02 16:14 12/20/02 16:14
71	tile\$2 adj matrix 7 tile\$2 same micromirror ("5461501" "5661531" "5728591" "5742373" "5796452" "5808710" "5838405" "5847784" 10 "5847785" "5867236").PN.	USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT	12/20/02 16:20 12/20/02 16:21 12/20/02 16:38